

CLAIMS

What is Claimed is:

1 1. Method of operating a device for controlling or monitoring a
2 production and/or packaging installation for the production and/or packaging of
3 cigarettes, cigars and the like - controller (30) - on a communication medium,
4 namely a bus (33), the controller (13) comprising an interface (34) to be
5 connected to the communication medium, a main memory (36) for the storage of a
6 control program (31) and also means for executing the control program (31),
7 characterized in that configuration data (40) are stored in a removable memory
8 module (39) in that, when the controller (30) is restarted, the configuration data
9 (40) are read out and in that, by using the configuration data (40), an access to a
10 remote memory (32) which can be reached via the communication medium is
11 made, which comprises a transfer to the controller (30) of data stored in the
12 remote memory (32).

1 2. Method according to Claim 1, characterized in that the configuration
2 data (40) comprise a unique address of the controller (30) on the communication
3 medium, and in that, when the controller (30) is restarted, the interface (34) is
4 configured with the address.

1 3. Method according to Claim 2, characterized in that in the main
2 memory (36) of the controller (30) there is stored an installation program (42)
3 which is executed when the controller (30) is restarted, in that the execution of the
4 installation program (42) comprises an access to the configuration data (40), in
5 that by using the configuration data (40) an access is made to the remote memory
6 (32) which can be reached via the communication medium, and in that this access
7 comprises a transfer of the copy of the control program (31) stored in the remote
8 memory (32) into the main memory (36) of the controller (30).

1 4. Method according to Claim 3, characterized in that, during the
2 transfer of the copy of the control program (31) into the main memory (36) of the
3 controller (30), a reference to calling the installation program (42) is overwritten by
4 a reference to calling the control program (31).

1 5. Method according to Claim 3, characterized in that, during the
2 transfer of the copy of the control program (31) into the main memory (36) of the
3 controller (30), the installation program (42) in the main memory (36) is
4 overwritten.

1 6. Method according to Claim 3, characterized in that the configuration
2 data (40) comprise memory location data with regard to a memory location of the
3 copy of the control program (31), in particular with regard to the memory location
4 of a last copy of the control program (31).

1 7. Method according to Claim 6, characterized in that the transfer of the
2 copy of the control program (31) into the main memory (36) of the controller (30) is
3 carried out by using the memory location data from the last memory location.

1 8. Method according to Claim 1, characterized in that the configuration
2 data (40) comprise machine data with regard to a machine for which the control
3 program (31) is provided, and that, when the controller (30) is restarted, before or
4 with the start of the control program (31), a comparison is made between the
5 machine data and machines codes read in from the controlled or monitored
6 production or packaging installation, and in that the control program (31) is
7 executed only when the machine codes match the machine data.

1 9. Device for controlling or monitoring a production and/or packaging
2 installation for the production or packaging of cigarettes, cigars and the like -
3 controller (30) -, comprising a main memory (36), in which a control program (31)
4 can be stored, a device for executing the control program (31) and an interface
5 (34) for connection to a communication medium, in particular a bus (33),
6 characterized in that configuration data (40), which can be read out and evaluated
7 when the controller (30) is restarted, are stored in a removable memory module
8 (39), the memory module (39) being fixed at an installation location of the
9 controller (30) such that it can move.

1 10. Method according to Claim 4, characterized in that, during the
2 transfer of the copy of the control program (31) into the main memory (36) of the
3 controller (30), the installation program (42) in the main memory (36) is
4 overwritten.